

LITHOSTAR Multiline

SP

Software

System

Software generation, Operating PC

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Document revision level

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System units, rear view

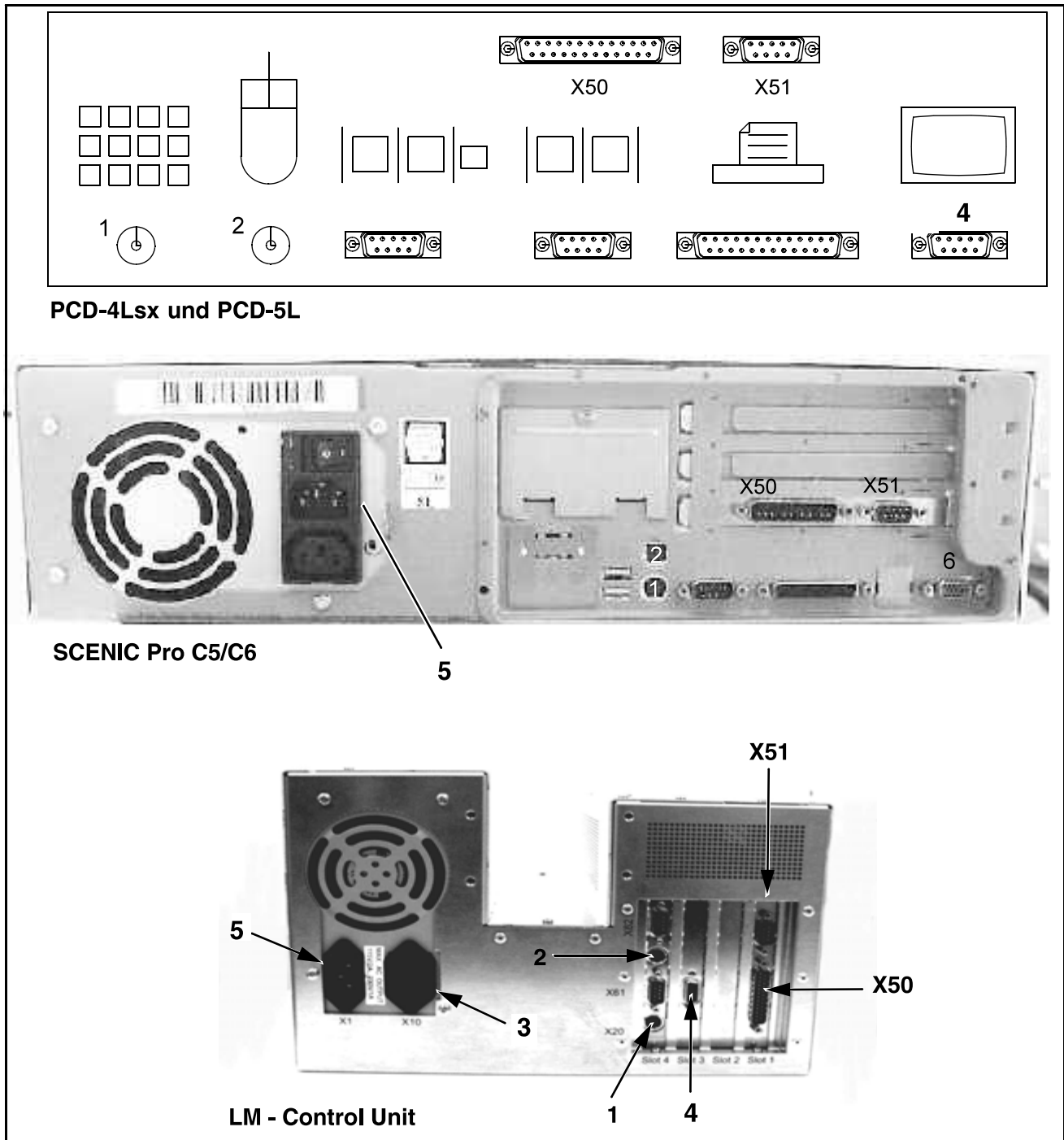


Fig. 1: System units, rear view

- Item 1: Keyboard connection
- Item 2: Mouse connection
- Item 3: Power connection
- Item 4: Monitor connection

- Item 5: Power connection
- X50: Respiratory ECG signal connection
- X51: DUEP connection

Workflow

NOTE

During the software installation, German text appears. The reason for this is the German-language operating system.

- Switch the system **OFF**.
- Disconnect the DUEP connection X51 at the rear of the system unit (PC).
- Open system unit (PC).
- Open the cover panel in front of the drive.

Change the keyboard

(from English to French or vice versa)

⇒ **Yes**

⇓ **No**

⇓

Swap keyboard

⇓ ⇐ ⇐ ⇐ ⇐ ⇐ ⇐ ⇐ ⇐

⇐ ⇐ ⇐ ⇐ ⇐ ⇐ ⇐ ⇐

(just disconnect the cable from the old keyboard and plug it into the new one)

⇓

Select a PC

(Activate the floppy on the PCD-4Lsx / p. 5)

(Activate the floppy on the PCD-5L / p. 6)

(Activate the floppy on the SCENIC Pro C5/C6 / p. 7)

(Activate the floppy on the LM - Control Unit / p. 8)

(Deactivate the floppy on the PCD-4Lsx / p. 11)

(Deactivate the floppy on the PCD-5L / p. 12)

(Deactivate the floppy on the SCENIC Pro C5/C6 / p. 13)

(Deactivate the floppy on the LM - Control Unit / p. 14)

Activate the floppy on the PCD-4Lsx

- Switch the system **ON**.
- During the display, press the "Ctrl", "Alt" und "INS" (or "Inser") keys.
- Enter the password "TDRX".
- Press the "ENTER" or "Entrée" key. The CMOS Setup Menu appears.
- Press the following key once:
"Page Up" or "↑" on the English or the French keyboard, as the case may be.
- With the "↓" or "↑" cursor key select "Diskette Ctrlr".
- With the "+" key on the number pad, select "ENABLED".
- Insert the boot disk into drive A of the operating PC.
- Press the "F10" key and then the "F5" key.

Activate the floppy on the PCD-5L

- Switch the system **ON**.
- During the display "Press F2 to enter SETUP", press the "F2" key.
- Enter the password "TDRX".
- Press the "ENTER" or "Entrée" key. The CMOS Setup Menu appears.
- Select the "Advanced" menu with the "← →" cursor keys.
- In the "Advanced" menu, using the "↑ ↓" cursor keys, select the "Peripheral Configuration" sub-menu.
- Press the "ENTER" or "Entrée" key.
- In the "Peripheral Configuration" menu, use the cursor keys "↑ ↓" to select the "Diskette Controller" menu.
- Using the "+/-" keys, set the "Diskette Controller" to "ENABLED".
- Insert the boot disk into drive A of the operating PC.
- Press the "Esc" or "Echap" key twice.
- Press the "ENTER" or "Entrée" key twice.

Activate the floppy on the SCENIC Pro C5/C6

- System **ON**.
- During the display "Press F2 to enter SETUP" , press the "F2" key.
- Enter the password "TDRX".
- Press the "ENTER" or "Entrée"key. The CMOS Setup Menu appears.
- Select the "Main" menu with the "← →" cursor keys.
- In the "Main" menu, using the "↑ ↓" cursor keys, select the "Boot Option" sub-menu.
- Select the "Boot Sequence" menu with the "↑ ↓" cursor keys.
- Set "Boot Sequence 1." to diskette using the "-" key on the number pad (diskette is 1; hard disk is 2).
- Press the "Esc" or "Echap"key.
- Select the "Advanced" menu with the "← →" cursor keys.
- In the "Advanced" menu, using the "↑ ↓" cursor keys, select the "Peripheral Configuration sub-menu.
- Press the "ENTER" or "Entrée"key.
- In the "Peripheral Configuration" menu, use the cursor keys "↑ ↓" to select the "Diskette Controller" menu.
- Using the "+/-" keys, set the "Diskette Controller" to "ENABLED".
- Insert the boot disk into drive A of the operating PC.
- Press the "Esc" or "Echap"key twice.
- Press the "ENTER" or "Entrée"key twice.

Activate the floppy on the LM - Control Unit

NOTE

If "Auto-detect Harddisk" is mistakenly selected in the BIOS, all settings are deleted without confirmation and the hard drive will no longer be recognized. The settings for the hard drive will then have to be entered manually.

- System **ON**.
- During boot-up, press the "Del" key.
- Enter the password "TDRX".
- Press the "Enter" or "Entrée" key. The CMOS Setup Menu appears.
- Select the "Standard CMOS Setup" menu with the "← →" cursor keys.
- In the "Standard CMOS Setup" menu, change the setting for floppy drive A from "Not installed" to "1,44 MB, 3,5 Zoll" (1.44 MB, 3.5 inch)
- Select the "Advanced" menu with the "← →" cursor keys.
- Use the "+/-" keys to change the 1st Boot device from "IDE-0" to "Floppy".
- Select 2nd Boot device with the "↑ ↓" cursor keys.
- Use the "+/-" keys to change the 2nd Boot device from "DISABLED" to "IDE-0".
- Select "Floppy Access Control" with the "↑ ↓" cursor keys.
- Using the "+/-" keys, set the "Floppy Access Control" from "Read-only" to "Read-write".
- Select the "Peripheral Setup" menu with the "← →" cursor keys.
- Select "On Board FDC" with the "↑ ↓" cursor keys.
- Use the "+/-" keys to change "On Board FDC" from "Disabled" to "Enabled".
- Select "Save settings and Exit" with the "← →" cursor keys.
- "Save current settings and exit (Y/N)": make selection with "↑ ↓" cursor keys.
- Insert the boot disk into the drive of the operating PC.
- Enter "Y".
- After a time, the question appears:

```
User-Terminal-Software Installation?  
NO:          Press [Ctrl] + [C]  
YES:         Press any key, to continue  
Eine beliebige Taste drücken, um fortzusetzen.
```

If the keyboard is swapped, the user terminal software must be reinstalled. Answer accordingly

After a time, the message appears:


```
Hard-Disk will be formatted!
Please wait 5 sec. for next message and press "J" and
[ENTER]!

Warnung:    Alle Daten auf der Festplatte in Laufwerk C:
            werden gelöscht!
            Formatieren durchführen (J/N)?
```

Press "J" and then the "Enter/Entrée" key.

- The question about the keyboard type appears.

```
Enter keyboard type:
E:          englisch (international) keyboard
F:          french keyboard
Press "E" or "F" according to keyboard type and press
[ENTER]:
```

- Answer "E" or "F" according to the keyboard type and press the "ENTER"/"Entrée" key.
- After a time, the message appears:

```
Please insert "Backup-Disk 01 . . . 05" (Sicherungsdis-
kette 01 ...05)!
Press any key, to continue!
Sicherungsdiskette 01 in Laufwerk A: einlegen
Eine beliebige Taste drücken, um fortzusetzen
```

Remove the boot disk from drive A.

Insert backup disk 01 in drive A.

Press any key.

- When the backup on backup disk 01 is complete, the message appears:

```
Sicherungsdiskette 02 in Laufwerk A: einlegen
Eine beliebige Taste drücken, um fortzusetzen
```

Remove backup disk 01 from drive A.

Insert backup disk 02 in drive A.

- Do the same with the remaining backup disks.
- When all the backup disks have been installed, the following message appears:

```
Please insert disk: "User-Interface-SW"!
Press any key, to continue!
Eine beliebige Taste drücken, um fortzusetzen
```

Remove backup disk 05 from drive A.

Insert user interface SW disk in drive A.

- After a time, the message appears:

```
Please insert "Status-Disk"!
Press any key, to continue!
Eine beliebige Taste drücken, um fortzusetzen
```

Remove user interface SW disk from drive A.

Insert status disk in drive A.

NOTE

Since data will be written to the disk, the write-protect feature must not be activated.

- After a time, the message appears:

```
Please insert "BOOT-Disk" again!
Press any key, to continue!
Eine beliebige Taste drücken, um fortzusetzen
```

Remove the status disk from drive A.

Insert boot disk in drive A.

- After a time, the message appears:

```
*****ATTENTION: IMPORTANT NOTE ! *****

Modifiy CMOS-SETUP accroding to service-manual !
    - CMOS-Setup-Lock by Password
    - Disable Disk-Controller

See instructions!

Please remove disk!!

Now, switch off the PC and turn it on again for
CMOS-Setup-Modify!

Thank you!
```

- Switch the system **OFF**.
- Remove the boot disk from drive A.

Deactivate the floppy on the PCD-4Lsx

- Switch the system **ON**.
- During the display, press the "Ctrl", "Alt" und "INS" (or "Inser") keys.
- Enter the password "TDRX".
- Press the "ENTER" or "Entrée"key. The CMOS Setup Menu appears.
- Press the following key once:
"Page Up" or "↑" on the English or the French keyboard, as the case may be.
- With the "↓" or "↑" cursor key select "Diskette Ctrlr".
- With the "+" key on the number pad, select "DISABLED" .
- Press the "F10" key and then the "F5" key.
- Switch the system **OFF**.
- Reconnect the DUEP connection X51 at the rear of the system unit.
- System **ON**.
- Functional check

Deactivate the floppy on the PCD-5L

- Switch the system **ON**.
- During the display "Press F2 to enter SETUP", press the "F2" key.
- Enter the password "TDRX".
- Press the "ENTER" or "Entrée" key. The CMOS Setup Menu appears.
- Select the "Advanced" menu with the "← →" cursor keys.
- In the "Advanced" menu, using the "↑ ↓" cursor keys, select the "Peripheral Configuration" sub-menu.
- Press the "ENTER" or "Entrée" key.
- In the "Peripheral Configuration" menu, use the "↑ ↓" cursor keys to select the "Diskette Controller" menu.
- Using the "+/-" keys, set the "Diskette Controller" to "DISABLED".
- Press the "Esc" or "Echap" key twice.
- Press the "ENTER" or "Entrée" key twice.
- Switch the system **OFF**.
- Reconnect the DUEP connection X51 at the rear of the system unit.
- System **ON**.
- Functional check

Deactivate the floppy on the SCENIC Pro C5/C6

- Switch the system **ON**.
- During the display "Press F2 to enter SETUP", press the "F2" key.
- Enter the password "TDRX".
- Press the "ENTER" or "Entrée"key. The CMOS Setup Menu appears.
- Select the "Main" menu with the "← →" cursor keys.
- In the "Main" menu, using the "↑ ↓" cursor keys, select the "Boot Option" sub-menu.
- Select the "Boot Sequence" menu with the "↑ ↓" cursor keys.
- Set "Boot Sequence 1." to diskette using the "-" key on the number pad (diskette is 1; hard disk is 2).
- Press the "Esc" or "Echap"key.
- Select the "Advanced" menu with the "← →" cursor keys.
- In the "Advanced" menu, use the "↑ ↓" cursor keys to select the "Peripheral Configuration" sub-menu.
- Press the "ENTER" or "Entrée"key.
- In the "Peripheral Configuration" menu, use the "↑ ↓" cursor keys to select the "Diskette Controller" menu.
- Using the "+/-" keys, set the "Diskette Controller" to "DISABLED" .
- Press the "Esc" or "Echap"key twice.
- Press the "ENTER" or "Entrée"key twice.
- Switch the system **OFF**.
- Reconnect the DUEP connection X51 at the rear of the system unit.
- System **ON**.
- Functional check

Deactivate the floppy on the LM - Control Unit

NOTE

If "Auto-detect Harddisk" is mistakenly selected in the BIOS, all settings are deleted without confirmation and the hard drive will no longer be recognized. The settings for the hard drive will then have to be entered manually.

- Switch the system **ON**.
- During boot-up, press the "Del" key.
- Enter the password "TDRX".
- Press the "Enter" or "Entrée" key. The CMOS Setup Menu appears.
- Select the "Standard CMOS Setup" menu with the "← →" cursor keys.
- In the "Standard CMOS Setup" menu, change the setting for floppy drive A from "1,44 MB, 3.5 Zoll" (1.44 MB, 3.5 inch) to "Not installed".
- Select the "Advanced CMOS Setup" menu with the "← →" cursor keys.
- Use the "+/-" keys to change the 1st Boot device from "Floppy" to "IDE-0".
- Select 2nd Boot device with the "↑ ↓" cursor keys.
- Use the "+/-" keys to change the 2nd Boot device from "IDE-0" to "DISABLED".
- Select "Floppy Access Control" with the "↑ ↓" cursor keys.
- Using the "+/-" keys, set the "Floppy Access Control" from "Read-write" to "Read-only".
- Select the "Peripheral Setup" menu with the "← →" cursor keys.
- Select "On Board FDC" with the "↑ ↓" cursor keys.
- Use the "+/-" keys to change "On Board FDC" from "Enabled" to "Disabled".
- Select "Save settings and Exit" with the "← →" cursor keys.
- "Save current settings and exit (Y/N)?": make selection with the "↑ ↓" cursor keys.
- Enter "Y".
- Switch the system **OFF**.
- Reconnect the DUEP connection X51 at the rear of the system unit.
- System **ON**.
- Functional check

Changes to previous version

Document type changed

The entire document was converted to the DMS document structure.

